

MINOVA

WIRE MESH

CONTINUOUS ROCK SUPPORT



DESCRIPTION

Wire mesh is manufactured in a robust in-house facility equipped with controlled processes and advanced quality systems. From raw material inspection to final dispatch, every stage is closely monitored to ensure consistent strength, dimensional accuracy, and corrosion resistance. Stringent in-process and final quality checks, backed by traceable testing records, ensure compliance with mining and ground support standards.

ADVANTAGES

- > Reinforces mine structures for enhanced safety.
- > Consistent weld strength (Min 11kN) throughout panel
- > Edges are trimmed and flush cut for added safety.
- > Higher mechanical strength with controlled-grade steel wire for consistent tensile strength
- > ISO 9001: 2015 Quality system, with in-house NABL testing facility
- > Galvanized wire mesh ensures corrosion resistance & durability

APPLICATION AND USES

In underground mines, mesh acts as an effective retention layer across headings, crosscuts and intersections, distributing load and controlling fragmentation. For tunnels, slopes, retaining structures and caverns, it reinforces shotcrete and stabilizes exposed rock for long-term integrity.

TECHNICAL PROPERTIES

MESH PROPERTIES	WIRE DIAMETER (mm)		
	5.6 - 6	Long wire 5.6 & Cross Wire 4	3- 4
Size of sheet	Width: Max 2.4m		Roll form upto 20m
	Length: As per requirement		
Tensile strength of wire	Min 500MPa		
Average Zinc Coating	100GSM		
Weld shear strength	Min 9.3kN	Min. 8 kN	Min. 7kN
Weld penetration (%)	10 -15%		
Wire Aperture	50 -100 -150mm		

PACKAGING AND TRANSPORTATION

In standard procedure, wire meshes are bundled in sets of 50 pieces each, secured with 32mm straps to provide greater durability during handling.

TECHNICAL SUPPORT

We provide technical advisory service by a team of specialists in the field. The service includes on site assistance and advice on evaluation trials and laboratory work.

MANUFACTURER

Minova Runaya Pvt Ltd

An ISO 9001:2015

Quality Management Certified Company

Certificate No. GSCI-IN/QMS/2024/007

CUSTOMER SERVICE

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